

Town of Truckee
Trout Creek Restoration (Reaches 4 & 5)

Attachment 11

Met Program Preferences:

- ***Effectively integrate water management programs and projects within a hydrologic region.*** This project is consistent with the Tahoe Sierra Integrated Regional Water Management Plan.
- ***Effectively integrate water management with land use planning.*** This project has been developed with consideration for the Railyard Master Plan.
- ***For eligible SWFM funding, projects which are not receiving State funding for flood control.*** The Town of Truckee does not received State funding for flood control or flood prevention projects or flood prevention projects.
- ***For eligible SWFM funding, projects which provide multiple benefits, including, but not limited to, water quality improvements, ecosystem benefits, reduction of instream erosion and sedimentation, and groundwater recharge.***
 - ***Improves Listed Impairment.*** Although Trout Creek itself has not been reported as impaired by the State Water Resources Board, it is tributary to the Truckee River, which has been listed as impaired due to sedimentation/siltation. Trout Creek contributes to that impairment. Therefore, reducing the sediment levels in Trout Creek will reduce overall sediment in the Truckee River. As the Truckee River is reported as impaired by the State Water Resources Board. A TMDL requires that all sources of pollution and all aspects of a watershed's drainage system be reviewed, not just the pollution coming from discrete conveyances. This project acts to reduce the pollution in this Truckee River drainage system.
 - ***Ecosystem Restoration.*** The project will improve the Trout Creek ecosystem by restoring its natural function. This will be accomplished by creating habitat, slowing the flows, and improving sediment deposition.
 - ***Environmental and Habitat Protection and Improvement.*** The project will restore the creek and create improved fish and riparian habitat.
 - ***Recreation and Public Access.*** The creek would be accessible from Downtown Truckee. Reach 4 would potentially have a Class I bike path that parallels the creek, which would be developed as a part of the Railyard Master Plan.
 - ***Stormwater Capture and Management.*** The project would include methods for collecting stormwater from Donner Pass Road and Glenshire. The primary approach to stormwater management is to restore stream function so that fine sediment is flushed through the system and is stored

on floodplains via annual overbank events or is sorted via channel complexity and variability in flow fields.

- *Water Quality Protection and Improvement.* Restoring the natural function of the creek will improve its ability to remove sediment from the water.
- *Wetlands Enhancement and Creation.* The project will enhance the wetlands by creating improved vegetation, habitat, and hydrology. The project will result in 2.35 acres of Perennial Creek (including wetlands) and 1.31 acres of Marsh.
- *Low Impact Development.* The project will incorporate Low Impact Development design where possible. Also, vegetation that is removed as a part of construction can be salvaged and transplanted back into the final project.

- **Statewide Priorities**

- *Practice Integrated Flood Management.* Trout Creek does not currently contain the 100 year flow. During 100-year flow events, waters would overtop the banks of the creek and enter developed areas in Downtown Truckee and in the Union Pacific Railroad property, causing roadways, parking lots, and buildings to flood. The project would increase flood capacity such that 100-year floods would be contained in the creek channel.
- *Expand Environmental Stewardship.* Project improves the Trout Creek and Truckee River watersheds and instream functions to sustain water and flood management ecosystems.